

A soldier in camouflage gear is seen from behind, standing in a field of tall grass. A large, black, cylindrical antenna is mounted on their back. The background shows a line of trees under a clear sky.

# RESOLVE

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A tactical Electronic Warfare (EW) system with direction finding and intercept capabilities.

## KEY FACTS

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Frequency coverage from HF (3 MHz) to UHF (3 GHz)  
Cross-platform interoperability



## RESOLVE

### What is RESOLVE?

RESOLVE is an operationally proven electronic support system, which allows for accurate direction finding and position fixing. RESOLVE gives the operator access to long range radio, handheld radio and Wi-Fi bands through a 40MHz intercept bandwidth and mission information system.

It offers multiple antenna configurations that mean it is scalable from a portable manpack to a fully-integrated vehicle system.

### Software

Applying modern design practice, at the heart of RESOLVE is sophisticated software: Prefix for laptop and Tacfix for tablet. The use of ubiquitous commercial off the shelf system components facilitates compatibility with a range of third party software for reporting and more specialist signals analysis.

**Prefix** simplifies EW operator workload by providing straightforward mission preparation, clear and easy to use graphical interfaces and rapid transition capability between deployment roles.

**Tacfix** is the most advanced, simple to use android based application for on-the-march, short and medium halt electronic support deployments.

### Vehicle mounting

For operations on the move, the QuadTac antenna can be mounted on a vehicle using a simple clip-in vehicle mount kit. Operation from a moving vehicle allows a single system to position fix a target by taking a running fix.



### Key features:

- 40MHz intercept bandwidth (3-MHz to 3-GHz)
- Mounted or dismounted configurations
- Tablet or laptop display
- Prefix software for laptop and Tacfix software for tablet

### Key benefits:

- The entire signals intelligence (SIGINT) picture in one view with wideband geolocation capability
- Single user on-the-march operation now 30% lighter
- Android tablet interface which allows for detailed assessment on the move
- User friendly human interfaces. Providing good situational awareness and clear military advantage
- Modular system is easy to transition on the move, for short, medium and long halt
- Radio agnostic, using IP-based networking for effective data sharing
- Designed for seamless integration with the latest electronic attack equipment
- A reduced workload through automated and prioritised discrimination of fixed frequency and frequency hopping signals